Measures taken by the State Government to meet the present National Emergency.

*Q.—279. Sri S. SIVAPPA (Sravanabelagola).—

Will the Government be pleased to state :—

the measures taken by the State Government to meet the present National Emergency ?

A.—Sri M. V. RAMA RAO (Minister for Home).—

Government have taken necessary action in the matter. In matters relating to the safety of the public, the arrangements made and co-operation expected from the public have been widely publicised through Press Notes and pamphlets. The other arrangements made in regard to vital installations, etc., are adequate but it is not in public interest to disclose the details.

Visit of Anglo-American expert team for the location of Fifth Steel Plant.

*Q—280. Sri S. GOPALA GOWDA (Thirthahalli).—

Will the Government be pleased to state.—

(*a*) when the Anglo-American expert team visited the State to inspect the site (for the fifth steel plant) proposed to be established by the Central Government during the 4th Five Year Plan ;

(*b*) the names of persons who met the team on behalf of the State Government and the various points placed before them ;

(*c*) the steps taken by them at different stages to enable the Anglo-American Team to convince the Planning Commission and the Central Cabinet that Hospet alone is the most suitable site to establish such a steel plant ;

(*d*) whether the State Government have examined the report given to Anglo-American expert team by the Ministry of Steel after getting the Hospet site examined by their departmental experts ;

(*e*) whether the State Government have prepared any report by the experts, after getting the three sites *viz.*, Hospet, Vizagapatnam and Salem examined to show that the Hospet site is the most suitable one to establish such a big steel plant ;

(*f*) what is the size, capital outlay and production capacity of this Fifth Steel Plant and the names of quantities of raw and other essential materials required ;

(*g*) the basis on which they have come to the conclusion that the Hospet site is more suitable than any other site to establish the said Steel Plant ;

(*h*) the prominent features of Dastoor Committee Report in respect of Hospet Site ?

A.—SRI K. MALLAPPA (Minister for Industries and Commerce).—

(*a*) In February-March 1965.

(*b*) A list of the names of persons who met the team on behalf of the State Government is annexed hereto. A comprehensive printed Memorandum prepared by the Expert Committee constituted by the Government of Mysore for the purpose was presented to the Team.

(*c*) In addition to the submission of the printed Memorandum, the requisite facilities and assistance during the on-the-spot studies for the Team in the State were made available. The concerned Heads of Departments and Secretaries to Government met team and furnished the requisite data, maps, etc., to the Team.

The State Government have been repeatedly high-lighting the superior merits of Hospet to other locations to the Central Government.

(*d*) Yes.

(*e*) Yes.

(*f*) The initial capacity for the proposed integrated Iron and Steel Project is 1·5 million tonnes per annum, to be expanded to 4 million tones in subsequent stages.

The approximate cost of the plant at Hospet is estimated at about Rs. 302.5 crores by the Expert Committee set up by the Government of Mysore to prepare the Memorandum.

The Expert Committee has recommended the following alternative product-mix :—

(*a*) *Sheets and Plates* :

Black sheets	700,000 tonnes
Light and Medium Plates	350,000 tonnes
	1,050,000 tonnes

equivalent to 1·5 million tonnes of ingot steel.

(*b*) *Bars and Structurals* :

Bars and roads	600,000 tonnes
Structurals	300,000 ,,
Semis	225,000 ,,
	1,125,000

equivalent to 1·5 million tonnes of ingot steel.

The following are the estimated major raw material requirements for the initial capacity of 1·5 million tonnes :—

Iron ore (including sinter or pellets)	...	3,200,000 tonnes
Limestone	...	800,000 ,,
Dolmite (for S.M.S.)	...	60,000 ,,
Manganese ore	...	100,000 ,,
Coal (coking)	...	2,400,000 ,,

(SRI K. MALLAPPA)

(*g*) To make a successful project, adequate essential raw materials of suitable quality should be available within reasonable distances and at economic prices. Reserves to last for at least 50 years (preferably 100 years or more) for the ultimate capacity in view, would be necessary.

The Expert Committee considers that Hospet answers this requirement quite favourably.

(i) Abundant rich iron ore is available in close vicinity, practically at plant site;

(ii) Limestone for flux, dolmite mainly for steel furnace lining and manganese ore for additive are available in suitable quality and quantity within easy economic reach;

(iii) The reserves of both ore and other materials permit future expansion and development to any degree necessary;

(iv) In common with all other locations in South India, coking coal has to be obtained from North India (Bengal, Bihar and Madhya Pradesh) or/and by import from abroad.

Despite the comparatively high cost involved in this regard, the advantages of high quality ore and other materials combined with short lead of transport bring down the overall assembly cost of materials, including that of coal, to a favourable economic level.

(*h*) Government have no information.

List of names of persons who met the Anglo-American expert team on behalf of the State Government:—

1 Sri K. Mallappa, Minister for Industries and Commerce.

2 Sri M. Vasudeva Rao, I.A.S., Development Commissioner and Special Secretary, Planning.

3 Sri B. V. Iyengar, I.A.S., then Secretary to Government, Planning, Housing and S. W. Department.

4 Sri Mohammed Rahamathull, I.A.S., then Secretary to Government, Commerce and Industries Department.

5 Sri N. Narasimha Rao, I.A.S., then Secretary to Government, Revenue Department.

6 Sri M. Veeraj Urs, I.A.S., Secretary to Government Finance Department.

7 Sri Chandappa Patel, I.A.S., Secretary to Government, Public works Department.

8 Sri T. Shamanna, I.A.S., Director of Industries and Commerce.

9 Sri P. R. Balakrishnan, Former Vice-Chairman of the Mysore Iron and Steel Works, Bhadravathi and Member of the Expert Committee constituted by the Government of Mysore for preparing the Memorandum.

10 Sri D. V. Krishna Rao, Former General Manager, Mysore Iron and Steel Works and Advisor to the Hindustan Steel Ltd., and Member of the Expert Committee.

11 Sri H. K. Ramanujam, Former General Manager, Mysore Iron and Steel Works and Project Officer, Heavy Electricals, Bhopal, and Member of the Expert committee.

12 Sri J. C. Lynn, I.A.S., Joint Director, Small Scale Industries.

13 Sri N. M. Mallikarjunappa, then Director, Department of Mines and Geology.

14 Sri K. Basanna, Cheif Engineer, Irrigation.

15 Sri M. B. Krishna Iyengar, Chief Engineer, Tungabhadra Board.

16 Dr. B. B. Radhakrishna, then Deputy Director and present Director of Mines and Geology.

17 Sri Raghavendrachar, I. A. S., Deputy Commissioner, Bellary District.

18 Sri B. M. Safiulla, Chief Engineer, Mysore State Electricity Board.

19 Sri Bistappa, Superintending Engineer (Electrical), T. B. Dam.

20 Sri Subramanyam, Superintending Engineer, Hydro-Electric Construction Project.

21 Sri K. V. Gundappa, Deputy Chief Engineer (General).

22 Sri Rabindranath Menon I. A. S., Managing Director, Board of Mineral Development, Bangalore.

23 Sri S. N. Ramaswamy, Deputy Secretary to Government, Commerce and Industries Department.

24 Sri V. S. Bhat, Special Officer, Planing, Housing and Social Welfare Department, Bangalore.

25 Sri S. V. Prabhu, then Under Secretary to Government, Commerce and Industries Department.

26 Dr. G. Varade Gowda, Assistant Director of Industries and Commerce Bangalore.

27 Sri S. C. Mahanti, Sr. Mining Engineer of the National Mineral Development Corporation.

28 Sri G. K. Sarin, Deputy Mining Engineer of the National Mineral Development Corporation.

29 Sri S. S. Subedar, Geologest of the National Mineral Development Corporation.

30 Sri S. R. Gopalakrishna, Assistant Engineer, Broadgauge Line Construction, Hospet.

31 Sri N. A. Sirsi, General Manager, Tungabhadra Steel Products.

32 Sri Channaraj Urs, Secretary, Tungabhadra Steel Products.